



Harshit Handa
Chemical Engineering
Indian Institute of Technology Bombay



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B.Tech.
Male
DOB: 16/12/1997

| Examination | University | Institute | Year | CPI / % |
|-------------|------------|------------|------|---------|
| Graduation | IIT Bombay | IIT Bombay | 2020 | 0.00 |

LEADERSHIP ROLES

OVERALL COORDINATOR | STUDENT ALUMNI RELATIONS CELL, IIT BOMBAY APR '19-PRESENT

Leading 3-tier team of 180+ members | Student representative for IITB-AA Board of Directors | Optimizing budget of INR 2M (33% YoY rise)

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| INITIATIVES & REFORMS | <ul style="list-style-type: none"> Presided over 300+ alumni for grooming 750+ final year students for 3-day long career guidance symposium Revamped alumni mentorship program for 800+ pairs (25% YoY) by group mentoring, workplace visits etc. Collaborating with corporate firms to launch certified workshops & business competition for 400+ student Organizing Alumni meet-up for start-ups of IIT Bombay in collaboration with Entrepreneurship cell, IIT Bombay |
| | <ul style="list-style-type: none"> Revitalized connections and filtered IIT-B database of 13K+ alumni (150% YoY rise) via telephonic marathons Allied with 6 other IITs to organize PAN-IIT Student Alumni Meet to strengthen IIT community network Orchestrated 1st ever IIT-B international alumni reunion in Tokyo to amalgamate bonds amongst alumni |

CORE TEAM MEMBER, OPERATIONS | STUDENT ALUMNI RELATIONS CELL, IIT BOMBAY

APR '18-MAY '19

Spearheaded Operations portfolio | Accountable for ideating & handling 25+ events yearly having extendable budget of INR 1.5M

- Superintended financial, logistics and administrative affairs; appointed 6 coordinators & delegated them multifarious tasks
- Pioneered the publicity campaign for class of 1993 Alumni Reunion Legacy Project that led to **INR 250 Million fund pledge**
- Effectuated **reduction of 10%** in total expenditure through marketing and sponsorship deals in Logistics and operations
- Instigated the Institute Yearbook narrating **15000+** reminiscences penned by **2000+** students for passing out batch of 2019

CORPORATE EXPOSURE

NAYAN ENERGY (FORMER ESSAR OIL) | SUPPLY & DISTRIBUTION DIVISION, MUMBAI

JUN '19-JUL '19

Worked with national supply & distribution network | Automated dispatch planning process from refinery to nationwide depots

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| OBJECTIVE | <ul style="list-style-type: none"> To automate operational sea-route selection process to improve efficiency & mitigate financial losses of the firm |
| APPROACH | <ul style="list-style-type: none"> Studied manual methods employed by firm & researched over different automation tools that can be employed Automated scheduling of ships utilizing travel & discharge times, ship capacity, cost to serve & monthly demands |
| RESULT | <ul style="list-style-type: none"> Reduced man hours previously wasted in manually calculating the solutions for every possible combination |

CLAYMORE CAPITAL | EQUITY RESEARCH

DEC '18

- Constructed three statement **financial models** of Whirlpool, Amber and Dixon Consumers by analysing their annual reports
- Attained **market perception** of India's electrical appliance industry by performing **SWOT** and **Porter's five force** analysis
- Result:** Forecasted **financial statements** using percentage of sales method & calculated stock price employing **DCF** method

PACE IIT & MEDICAL | TEACHING ASSISTANT

MAY '18-JUN '18

Mentored more than 30 students aspiring to clear IIT JEE Advanced 2017 and 2018

- Dedicated over **25 hours per week** in teaching and coordinated **one-on-one help sessions** to boost their academic performances
- Initiated **after-class open discussion** sessions for doubt clearance and exam preparation guidance to master the subject

KEY PROJECTS

PUMP CHARACTERISATION | SUPERVISED LEARNING COURSE PROJECT | CTARA, IIT BOMBAY

JAN '19-MAY '19

- Conducted experiments on 3 HP and 7 HP pumps to get the characteristics over a range of voltages and varying flow rates
- Analysed data from the pumps to help implement solutions in rural areas which are severely affected by voltage fluctuation

SOCIOLOGICAL MAPPING OF 'THE MENSTRUAL CYCLE' | SOCIOLOGY COURSE PROJECT | HSS, IIT BOMBAY

AUG '17-OCT '17

- Conducted Ethnographic study to understand the taboos associated with menstruation in different social groups of society
- Applied Sociological Imagination methods to present measures to deal with these at the workplace and at home

EXTRA-CURRICULAR ACTIVITIES

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| ACCOLADES | <ul style="list-style-type: none"> Achieved All India Rank 23 and State Rank 1 in IOM (International Olympiad of Mathematics) Bagged All India Rank 100 and State Rank 15 in IOS (International Olympiad of Science) | (^{'14}) (^{'14}) |
| | <ul style="list-style-type: none"> Awarded Organizational Special Mention for excellent performance during tenure as Alumni Secretary Received Sports Special Mention for exceptional contribution to Hostel in numerous sports across year | (^{'18}) (^{'19}) |
| SPORTS | <ul style="list-style-type: none"> Won gold in Udghosh— sports fest of IIT Kanpur and silver in Aavhan— sports fest of IIT Bombay in Kho-Kho Awarded player of the General Championship for excellent contribution in Kho-Kho for 2 consecutive year | (^{'17}) (^{'17}) |
| CULTURAL | <ul style="list-style-type: none"> Performed in Annual Insync Dance Show before a crowd of 3000 people and got 1st position in gyration Secured 2nd position in Group Dance competition in Freshiezza and stood 3rd in Dance Mania | (^{'17}) (^{'16}) |
| Misc. | <ul style="list-style-type: none"> SOFTWARE PROFICIENCY: MATLAB, DWSIM, AutoCAD, SolidWorks, MS Office RELEVANT COURSES: Numerical Analysis, Data Analysis and Interpretation, Operations analysis | |